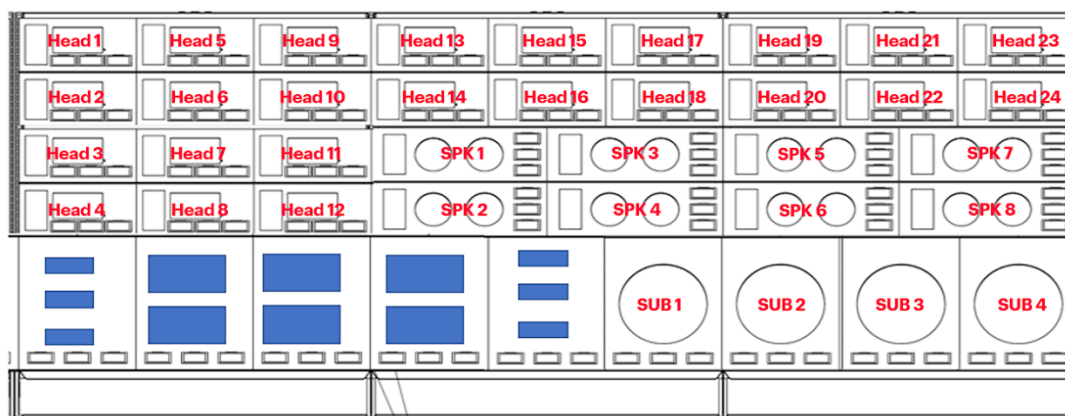


# BestBuy Car Audio Display

39-CARFI-00



**Ascentic**<sup>TM</sup>  
RETAIL ENGINEERING  
by Audio Authority®

# BestBuy Car Audio

## Overview

The 39-CARFI-00 system is an audio switching and amplification system with LED lighting effects. It consists of multiple workboards and connecting harnesses that must be mounted inside three cabinets. Wiring on devices mounted to each workboard is done at the factory, so the only cables that must be connected at installation are between workboards and from the switching devices to the products on display.

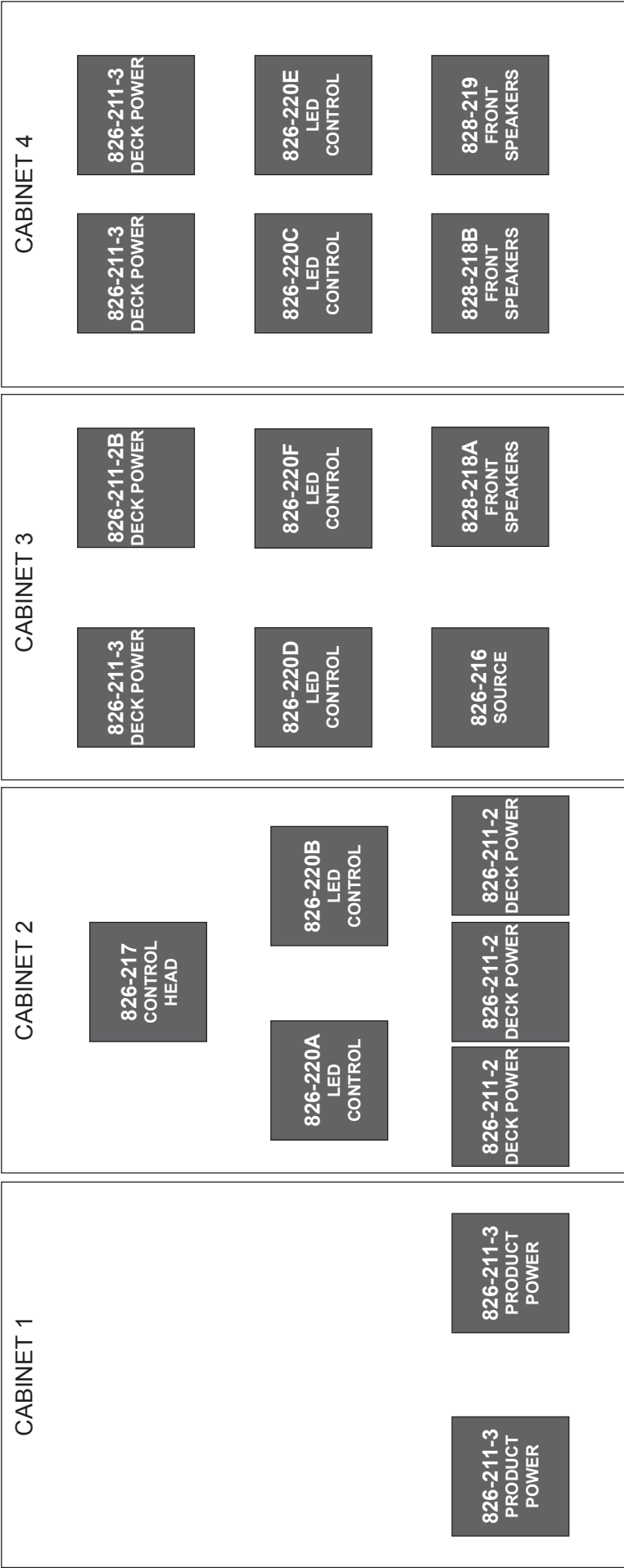
## Serial Commands

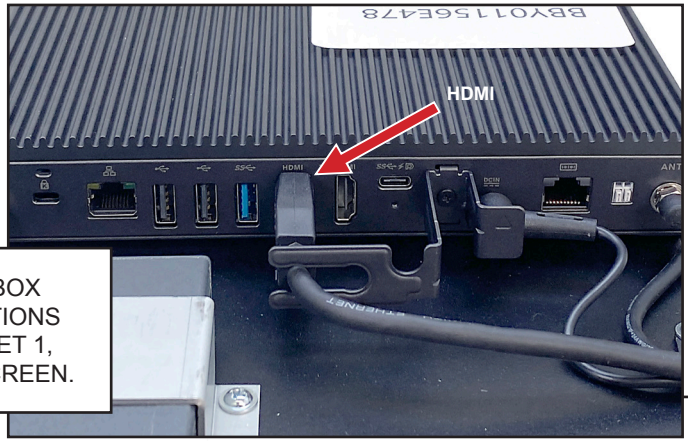
Each LM8-12 receives RS-232 commands at 115200 Baud.

|                      |                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------|
| [DEV=*;LED=*;OFF]    | Turns off ALL LEDs on all devices.                                                              |
| [DEV=#;LED=\$;ON]    | Turns on one or more LEDs (separated by commas) on a particular device.                         |
| [DEV=#;LED=\$;OFF]   | Turns off one or more LEDs (separated by commas) on a particular device.                        |
| [DEV=#;LED=\$;PWM=#] | Sets the PWM level (0 to 255) of one or more LEDs (separated by commas) on a particular device. |

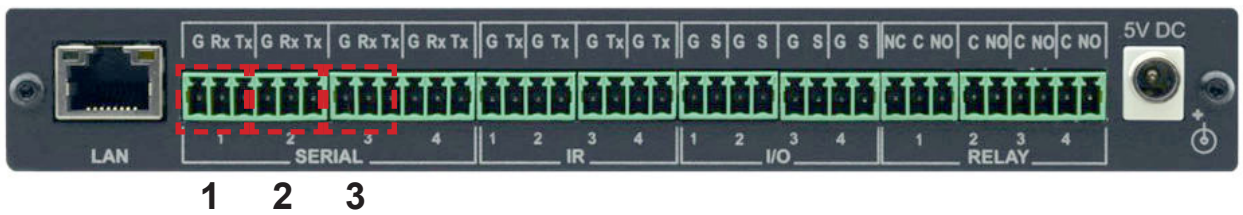
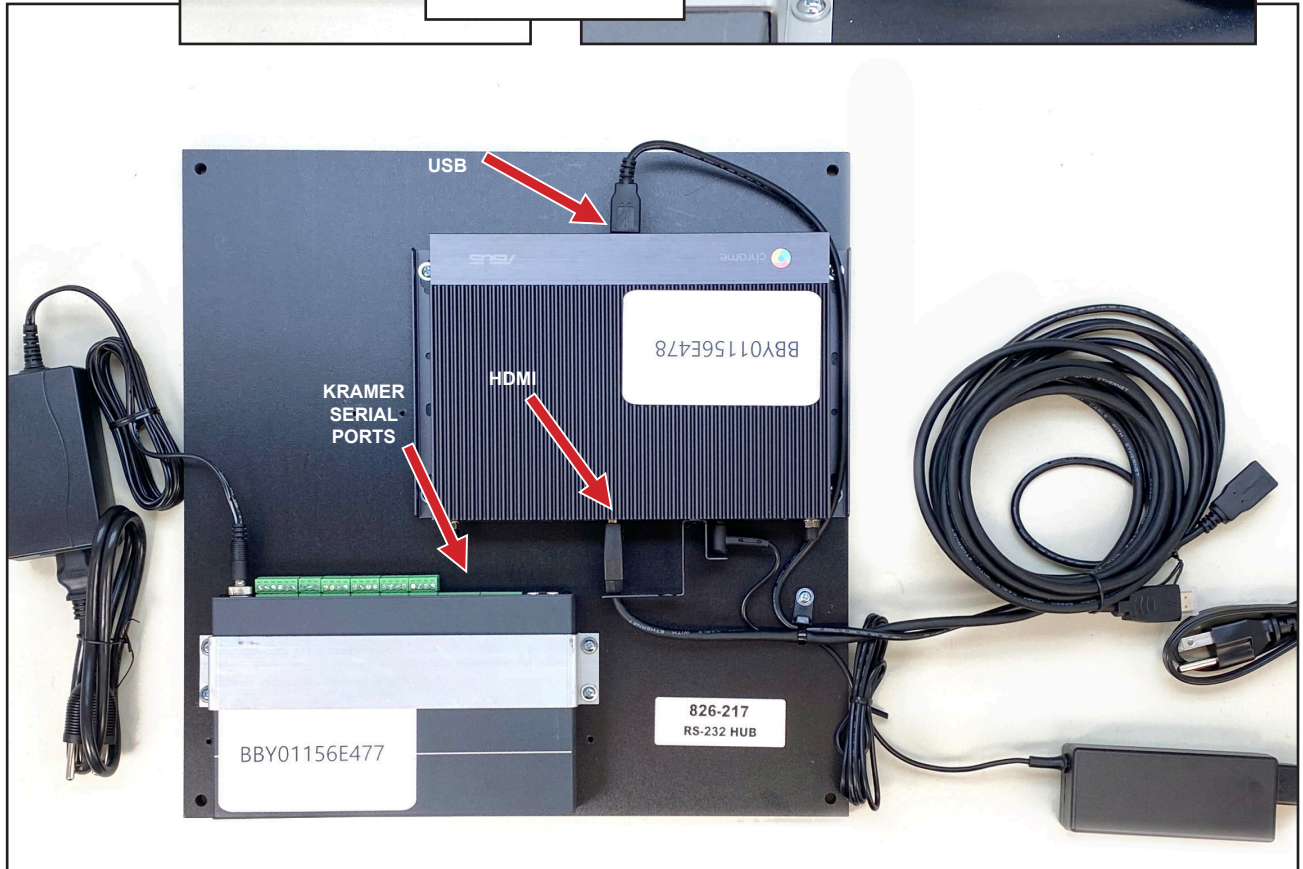
## LM8-12 ADDRESS ID FOR RS-232

| PART #   | DEVICE ID | 1  | 2  | 3  | 4  |
|----------|-----------|----|----|----|----|
| 826-220A | 24        |    |    |    |    |
| 826-220B | 25        | ON |    |    |    |
| 826-220C | 26        |    | ON |    |    |
| 826-220D | 28        |    |    | ON |    |
| 826-220E | 32        |    |    |    | ON |
| 826-220F | 23        | ON | ON |    |    |

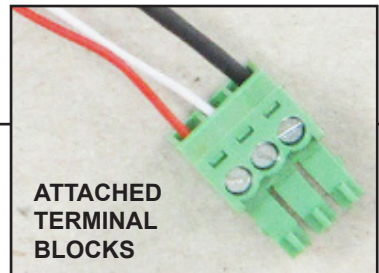




CHROMEBOX CONNECTIONS TO CABINET 1, TOUCHSCREEN.



KRAMER SL240C SERIAL PORTS  
PORT 1: FROM 0970A-1, CABINET 3, 826-216  
PORT 2 FROM MH2-HS, CABINET 3, 826-216  
PORT 3 FROM 826-220A





#### LM8-12 ADDRESS SETTINGS

CABINET 2: 826-220A = DIPS OFF  
826-220B = DIP 1 ON

CABINET 3: 826-220D = DIP 3 ON  
826-220F = DIPS 1 & 2 ON

CABINET 4: 826-220C = DIP 2 ON  
826-220E = DIP 4 ON



005-124 200W  
BRIDGED FOR MONO SUBS

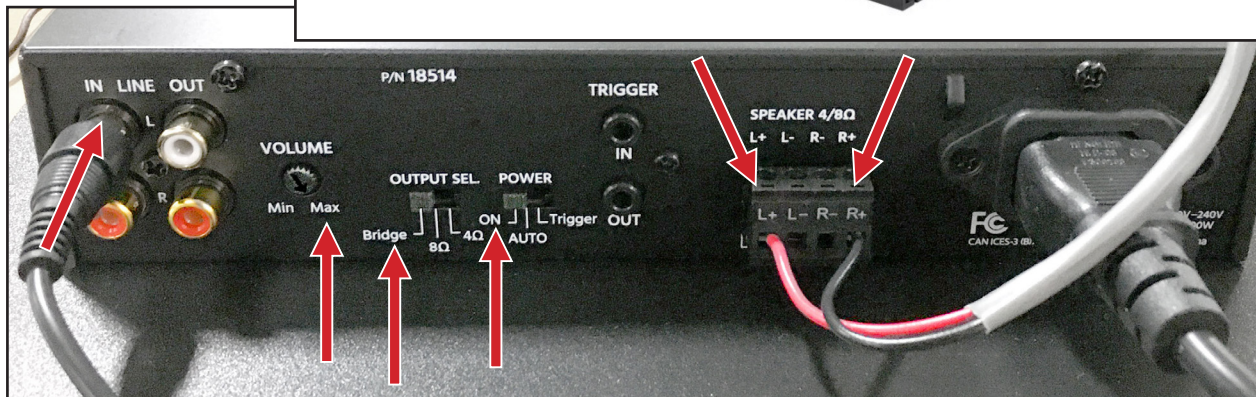
#### AMPLIFIER SETTINGS

POWER SWITCH = ON

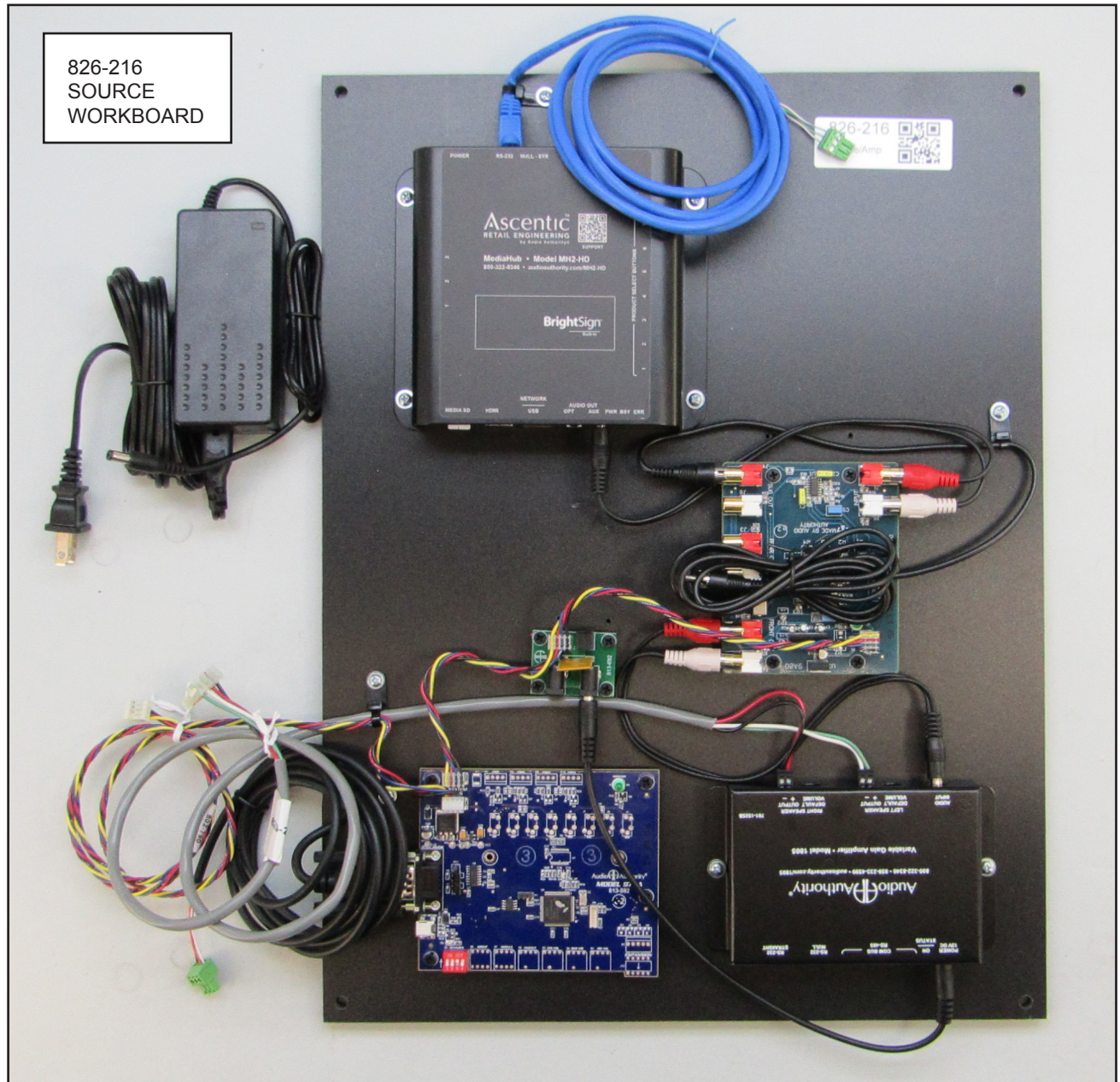
INPUT = CONNECT LEFT CHANNEL

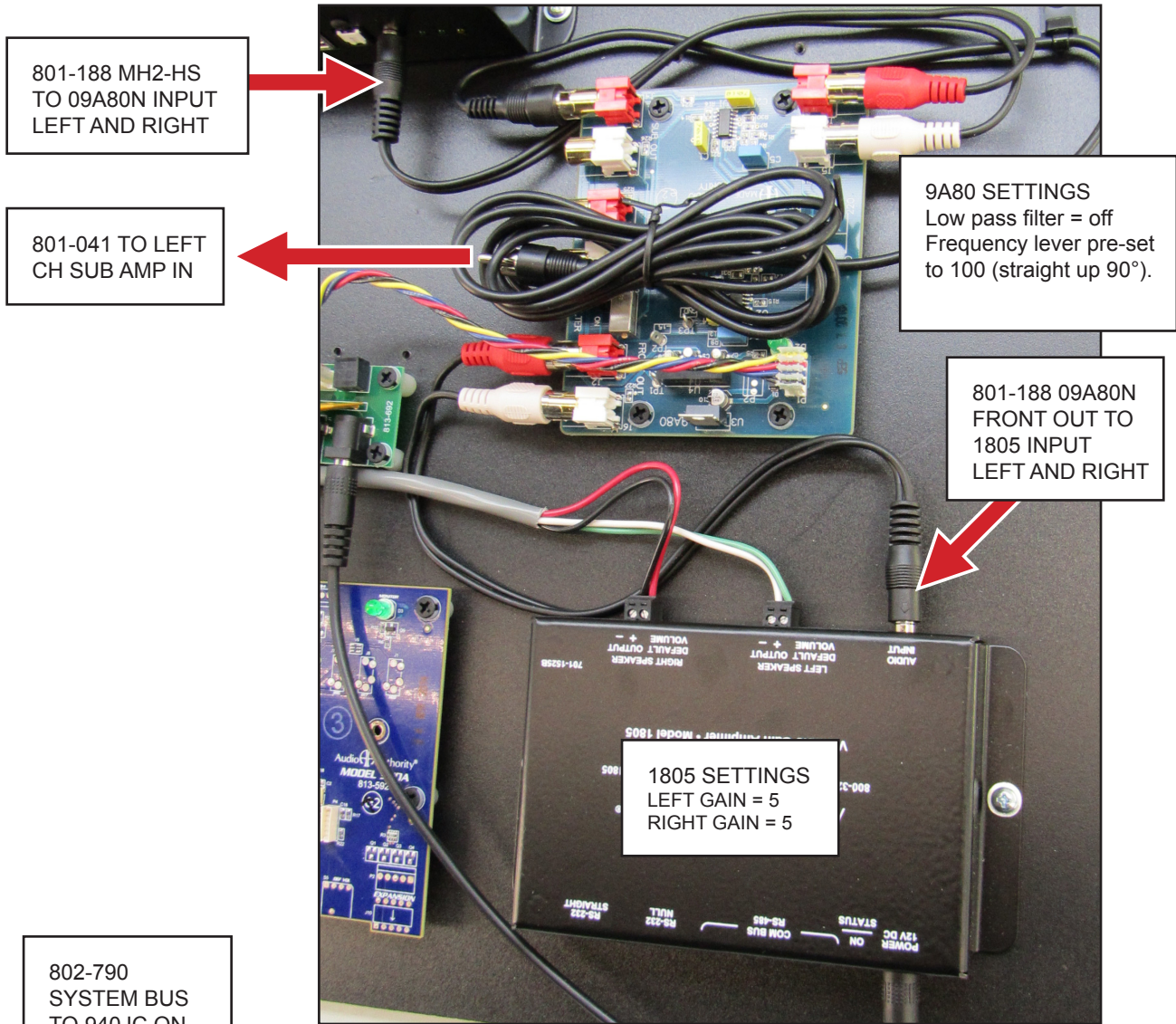
VOLUME = MAX  
OUTPUT = BRIDGED  
POWER MODE = ON

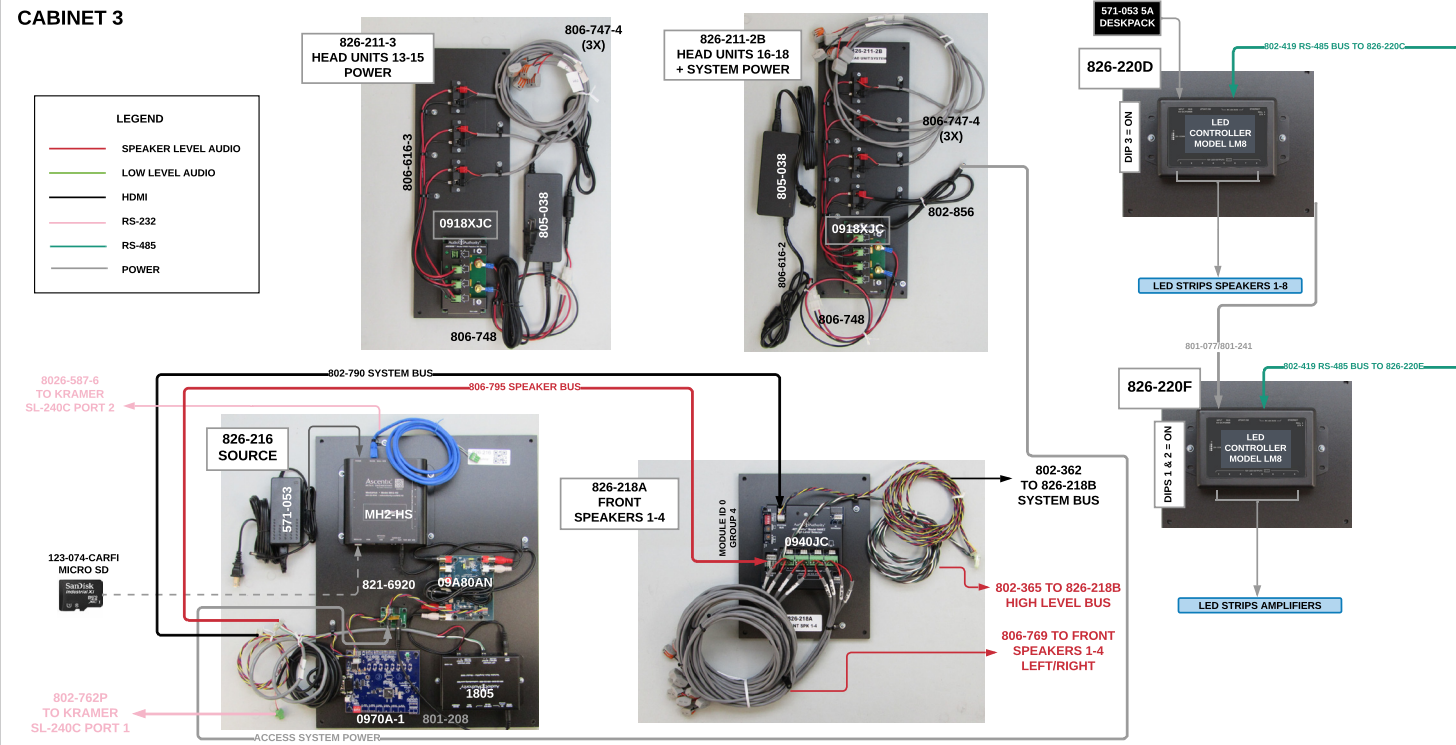
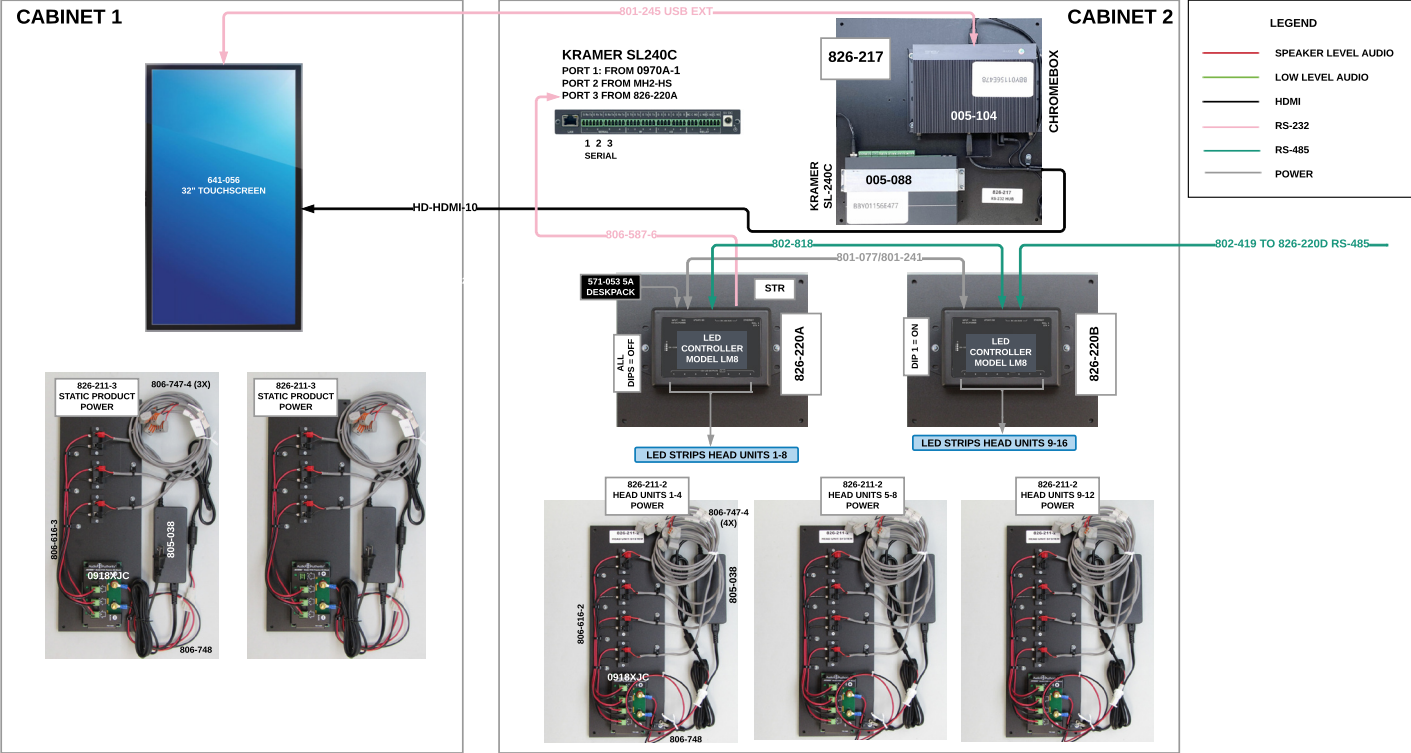
CONNECT RED TO L+  
CONNECT BLACK TO R+



826-216  
SOURCE  
WORKBOARD







CABINET 4

